

Comparisons of Job Characteristics

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Cement Masons and Concrete Finishers (47-2051)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	15.0	10.6	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.8	6.3	<<	Extensive education and/or training may be required
Mechanical	6.8	11.0	7.2	<<	Extensive education and/or training may be required
Design	5.2	9.9	8.9	<	Expanded education and/or training may be required
Chemistry	4.8	7.3	2.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Coordination	9.1	9.4	9.2	0	Current skill level may be sufficient
Quality Control Analysis	5.9	7.7	6.7	<	A higher skill level may be required
Operation and Control	5.4	7.3	6.7	0	Current skill level may be sufficient
Management of Material Resources	3.7	3.7	3.9	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 84			
Focus Occupation: Tile and Marble Setters (47-2044) Associated Occupation: Cement Masons and Concrete Finishers (47-2051)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Trunk Strength	5.7	12.6	11.0	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	8.7	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	10.6	11.5	0	Current ability level may be sufficient
Static Strength	5.0	10.2	9.2	<	Some improvement in abilities may be required
Stamina	4.0	8.9	7.7	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	8.5	6.0	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	8.2	6.2	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	8.0	7.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 97
Focus Occupation: Tile and Marble Setters (47-2044) Associated Occupation: Cement Masons and Concrete Finishers (47-2051)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Apply adhesives, caulking, sealants, or coatings	45	
Apply grouting or other masonry adhesives	81	
Apply plaster, stucco or related material	80	
Build or repair structures in construction, repair, or manufacturing setting	54	
Climb ladders, scaffolding, or utility or telephone poles	56	
Cut or shape stone, tile, brick, or related material	76	
Erect scaffold	56	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install prefabricated building components	74	
Lay out masonry work	87	
Measure tile or masonry materials	82	

Mix mortar, grout, slurry, concrete, or related masonry material	80
Mix paint, ingredients, or chemicals, according to specifications	35
Move or fit heavy objects	8
Perform safety inspections in construction or resource extraction setting	46
Prepare site or surfaces for concrete or masonry work	76
Read blueprints	10
Read tape measure	41
Read technical drawings	7
Repair or replace damaged bricks, tile, or related masonry	85
Understand construction specifications	53
Use concrete fabrication techniques	74
Use hand or power tools	2
Use measuring devices in construction or extraction work	41
Verify levelness or verticality, using level or plumb bob	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 83

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Cement Masons and Concrete Finishers (47-2051)

Tools and Technologies	Exclusivity
Abrasives and abrasive media	56
Building construction machinery and accessories	25
Business function specific software	1
Computers	1
Cutting and crimping and punching tools	3
Dispensing tools	6
Forming tools	2
Heavy equipment components	21
Holding and clamping tools	3
Industry specific software	1
Ladders and scaffolding	6
Lifting equipment and accessories	3
Masonry and concrete tools	22
Measuring and layout tools	3
Pneumatic tools	8
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.